The following claims are presented for examination:

1. (previously presented) A method of determining the helix angle of a helical formation for a conduit, the method comprising specifying the internal dimensions of the conduit and an intended fluid mass flow through the conduit, and determining the helix angle from the pressure drop and the turbulent kinetic energy for a conduit having the specified internal dimensions and intended fluid mass flow, wherein the pressure drop and the turbulent kinetic energy are non-dimensionalised before the helix angle is determined, and wherein the helix angle is determined as a helix angle at which the non-dimensionalised pressure drop and the non-dimensionalised turbulent kinetic energy are not equal.

Claims 2-4 (canceled)

5. (previously presented) A method according to claim 1, wherein the helix angle is determined as being between 5° and 50°.

6. (original) A method according to claim 5, wherein the helix angle is determined as being between 5° and 20°.

7. (original) A method according to claim 6, wherein the helix angle is determined as being substantially 8°.

8. (previously presented) A method according to claim 1, wherein the conduit is blood flow tubing.

9. (previously presented) A method according to claim 1, wherein the helical formation is for effecting a rotational flow of fluid within the conduit, in use.

Claims 10-22. (canceled)